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North Dakota
Agricultural College
1911

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PRESIDENT'S OFFICE

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UNIVERSITY OF ILLINOIS

PRESIDENT'S OFFICE

The North Dakota Agricultural College

requests the honor of your presence at the

Seventeenth Annual

Commencement

June Second to June Sixth

Nineteen Hundred and Eleven

Fargo



Seventeenth Annual Commencement
North Dakota Agricultural College
June Second-Sixth,
1911



Programme



Friday, June Second

- 8:15 p. m. College Armory.
Commencement Concert by the School of Music.

Saturday, June Third

- 7:00 p. m. College Societies Hold Their Annual Banquets.

Sunday, June Fourth

- 3:00 p. m. College Armory—Baccalaureate Address,
Dr. Herbert L. Willett of the University of Chicago.

Monday, June Fifth

- 3:00 p. m. College Campus—Senior Class Program.
8:00 p. m. College Armory—Senior Class Play.
10:00 p. m. Senior Swing Out.

Tuesday, June Sixth

- 9:30 a. m. Commencement Procession.
10:00 a. m. College Armory—Commencement Exercises,
Address—John H. Worst, LL. D.
President North Dakota Agricultural College.
1:00 p. m. Ceres Hall—Commencement Dinner.
3:00 p. m. Class Reunions.
7:00 p. m. Ceres Hall—President's Reception.
9:00 p. m. Alumni Ball and Banquet.

Baccalaureate Service

Sunday, June Fourth, 1911, 3:00 P. M.

College Armory



Order of Exercises



PRELUDE.

DOXOLOGY.

INVOCATION.

ANTHEM—"Great and Marvelous are Thy Works" - - - Gaul
CHORUS.

SCRIPTURE READING - - - - - Matthew xx, 1-16

PRAYER - - - - - Rev. F. B. Sapp

HYMN—"The Spacious Firmament on High" - - - - -

RESPONSIVE SERVICE - - - - - Psalm lxxxiv, 1-4, 7-12

GLORIA PATRI.

ANNOUNCEMENTS.

SOLO—"The Lord is My Light" - - - - - Randegger
EDYTH HERSCHMER GRASSE.

ADDRESS—Dr. Herbert L. Willett, of the University of Chicago, Chi-
cago, Illinois.

HYMN—"God Eternal, Lord of All" - - - - -

BENEDICTION.

Class Day Exercises

Monday, June 5, 1911

College Armory

3 P. M.



OVERTURE—"The Trumpeter of the Fort" - - Gruenwald
COLLEGE ORCHESTRA.

PRESIDENT'S ADDRESS - - - - - Harold M. Dodge

CLASS HISTORY - - - - - Lars Welo

PRESENTATION OF THE HATCHET - - - - - Earle Hunt

ACCEPTANCE BY THE JUNIOR CLASS

MUSIC—"Tales of Hoffmann" - - - - - Offenbach
COLLEGE ORCHESTRA.

PRESENTATION OF THE SCEPTRE - - - - - Ruby Gibbens

ACCEPTANCE BY SOPHOMORE CLASS

CLASS POEM - - - - - Agnes Halland

PROPHECY - - - - - Henry Reddy

CLASS SONG - - - - - Lillian Pearson

MUSIC—"Through Battle to Victory" - - - - - Von Blon



CLASS OFFICERS.

President	- - - - -	Harold M. Dodge
Vice-President	- - - - -	Henry Reddy
Secretary	- - - - -	Earle Hunt
Treasurer	- - - - -	Ray S. Towle

CLASS ROSTER.

Louise Campbell	-	-	-	-	-	-	-	-	-	-	Fargo, N. D.
Harold Dodge	-	-	-	-	-	-	-	-	-	-	Devils Lake, N. D.
Scott Drummond	-	-	-	-	-	-	-	-	-	-	Fargo, N. D.
Paul Funderhide	-	-	-	-	-	-	-	-	-	-	Cando, N. D.
Ruby Gibbens	-	-	-	-	-	-	-	-	-	-	Cando, N. D.
LeRoy Gifford	-	-	-	-	-	-	-	-	-	-	Edgeley, N. D.
Agnes Halland	-	-	-	-	-	-	-	-	-	-	Fargo, N. D.
Max Harrington	-	-	-	-	-	-	-	-	-	-	Fargo, N. D.
Cal Hennis	-	-	-	-	-	-	-	-	-	-	Fargo, N. D.
Chester Holkesvig	-	-	-	-	-	-	-	-	-	-	Fargo, N. D.
Earle B. Hunt	-	-	-	-	-	-	-	-	-	-	Havana, N. D.
Anna Lamb	-	-	-	-	-	-	-	-	-	-	Moorhead, Minn.
Verne McCall	-	-	-	-	-	-	-	-	-	-	Fargo, N. D.
Hughina McKay	-	-	-	-	-	-	-	-	-	-	Duluth, Minn.
Lillian Pearson	-	-	-	-	-	-	-	-	-	-	Fargo, N. D.
Elsie Pelissier	-	-	-	-	-	-	-	-	-	-	Dickinson, N. D.
Henry Reddy	-	-	-	-	-	-	-	-	-	-	Fargo, N. D.
Horace Reuber	-	-	-	-	-	-	-	-	-	-	Rochester, Minn.
Isabelle Rose	-	-	-	-	-	-	-	-	-	-	Fargo, N. D.
Charles Ruzicka	-	-	-	-	-	-	-	-	-	-	Chicago, Ill.
Ray Towle	-	-	-	-	-	-	-	-	-	-	Ypsilanti, N. D.
Edwin Traynor	-	-	-	-	-	-	-	-	-	-	Starkweather, N. D.
Lars Welo	-	-	-	-	-	-	-	-	-	-	Churches Ferry, N. D.



CLASS YELL.

Hip, Geza, Gezah, Gezeben
N. D. A. C.—1911.



CLASS COLORS.

Yale Blue and White.



CLASS MOTTO.

Onward and Upward.

Senior Class Play

College Armory

8 H. A.



“The Professor’s Love Story”

A COMEDY IN THREE ACTS

BY J. M. BARRIE



CAST OF CHARACTERS.

Dr. Cosens	- - - - -	Charles Ruzicka
Professor Goodwillie	- - - - -	Chester Holkesvig
Sir George Gilding	- - - - -	Ray Towle
Dr. Yellowleaves	- - - - -	LeRoy Gifford
Pete	- - - - -	Edwin Traynor
Henders	- - - - -	Horace Reuber
First Footman	- - - - -	Reginald Dynes
Lucy White	- - - - -	Ruby Gibbens
Effe	- - - - -	Elsie Pelissier
Lady George Gilding	- - - - -	Anna Lamb
Dowager Lady Gilding	- - - - -	Agnes Halland
Agnes Goodwillie	- - - - -	Isabelle Rose



SCENES.

ACT I.—The Professor’s Study in London.

ACT II.—Wheatfield at Tullochmains.

ACT III.—Professor’s Cottage at Tullochmains.

MUSICAL PROGRAM.

OVERTURE—"Lustspiel"	-	-	-	-	-	-	-	-	<i>Keler-Bela</i>
FLOWER SONG—"Dream of the Flowers"	-	-	-	-	-	-	-	-	<i>Cohen</i>
SELECTION—Il Trovatore	-	-	-	-	-	-	-	-	<i>Verdi</i>
MARCH—The Father of Victory	-	-	-	-	-	-	-	-	<i>Gaune</i>

COLLEGE ORCHESTRA.



STAFF.

Stage Manager	-	-	-	-	-	-	-	-	Max Harrington
Business Manager	-	-	-	-	-	-	-	-	Charles Ruzicka
Master of Properties	-	-	-	-	-	-	-	-	LeRoy Gifford



SENIOR SWINGOUT.

College Armory—10 p. m.



PIPE OF PEACE CEREMONY.

College Campus—Midnight.

Commencement Exercises

Tuesday, June 6, 1911

College Armory, 10 A. M.



Programme



OVERTURE—Die Shone Galathea	- - - - -	<i>Suppe</i>
PRAYER	- - - - -	<i>Rev. J. M. Walter</i>
CAPRICE POETIC—"A Shower of Smiles"	- - - - -	<i>Bailey</i>
ORATION—Co-Operation, An Industrial Force	-	<i>Edwin Traynor</i>
ADDRESS—The Emancipation of Agriculture, <i>John H. Worst, LL.D.</i>		President of the North Dakota Agricultural College.
GRANTING OF DIPLOMAS	-	<i>Clark W. Kelley, Pres. Board of Trustees</i>
MARCH—Victor Herbert-Carr	- - - - -	<i>Dr. Putnam's Orchestra</i>
COMMENCEMENT DINNER	- - - - -	Ceres Hall—1 p. m.
CLASS REUNIONS	- - - - -	College Campus—3 p. m.
PRESIDENT'S RECEPTION	- - - - -	Ceres Hall—7 p. m.
ALUMNI BALL AND BANQUET	- - -	College Armory—9 p. m.

Candidates for Degrees



BACHELOR OF SCIENCE.

Louise Campbell	-	-	-	-	-	-	-	-	-	-	Fargo, N. D.
Ruby Gibbens	-	-	-	-	-	-	-	-	-	-	Cando, N. D.
Agnes Halland	-	-	-	-	-	-	-	-	-	-	Fargo, N. D.
Anna Lamb	-	-	-	-	-	-	-	-	-	-	Moorhead, Minn.
Hughina McKay	-	-	-	-	-	-	-	-	-	-	Duluth, Minn.
Lillian Pearson	-	-	-	-	-	-	-	-	-	-	Fargo, N. D.
Elsie Pelissier	-	-	-	-	-	-	-	-	-	-	Dickinson, N. D.

BACHELOR OF SCIENCE IN ENGINEERING.

CIVIL.

Scott Drummond	-	-	-	-	-	-	-	-	-	-	Fargo, N. D.
Paul Funderhide	-	-	-	-	-	-	-	-	-	-	Cando, N. D.
LeRoy Gifford	-	-	-	-	-	-	-	-	-	-	Edgeley, N. D.
Horace Reuber	-	-	-	-	-	-	-	-	-	-	Rochester, Minn.

MECHANICAL.

Harold Dodge	-	-	-	-	-	-	-	-	-	-	Devils Lake, N. D.
Max Harrington	-	-	-	-	-	-	-	-	-	-	Fargo, N. D.
Lars Welo	-	-	-	-	-	-	-	-	-	-	Churchs Ferry, N. D.

BACHELOR OF SCIENCE IN CHEMISTRY.

Chester Holkesvig	-	-	-	-	-	-	-	-	-	-	Fargo, N. D.
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BACHELOR OF SCIENCE IN PHARMACY.

Earle Hunt	-	-	-	-	-	-	-	-	-	-	Havana, N. D.
Henry Reddy	-	-	-	-	-	-	-	-	-	-	Fargo, N. D.

BACHELOR OF SCIENCE IN AGRICULTURE.

Reginald Dynes	-	-	-	-	-	-	-	-	-	-	Gardner, N. D.
Charles Ruzicka	-	-	-	-	-	-	-	-	-	-	Chicago, Ill.
Ray Towle	-	-	-	-	-	-	-	-	-	-	Ypsilanti, N. D.
Edwin Traynor	-	-	-	-	-	-	-	-	-	-	Starkweather, N. D.

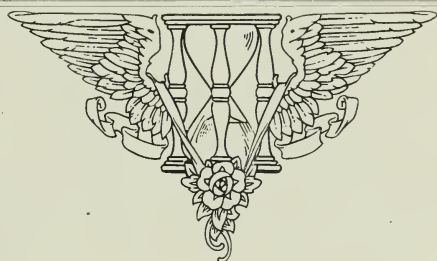
Twenty Years of Service

to the

State of North Dakota

OCTOBER 15, 1890

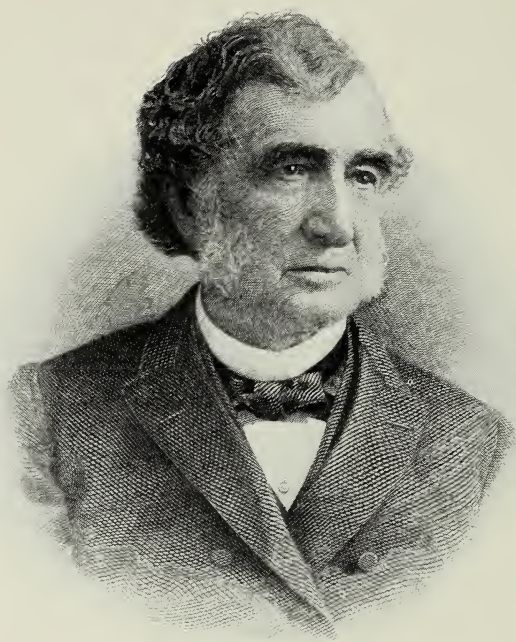
OCTOBER 15, 1910



A Narrative on the Growth of the North
Dakota Agricultural College

Compiled by
Alfred G. Arnold, Clara B. Waldron
Horace L. White

Commencement Program Committee
1911



JUSTIN S. MORRILL
The Founder of the Land-Grant Agricultural Colleges.



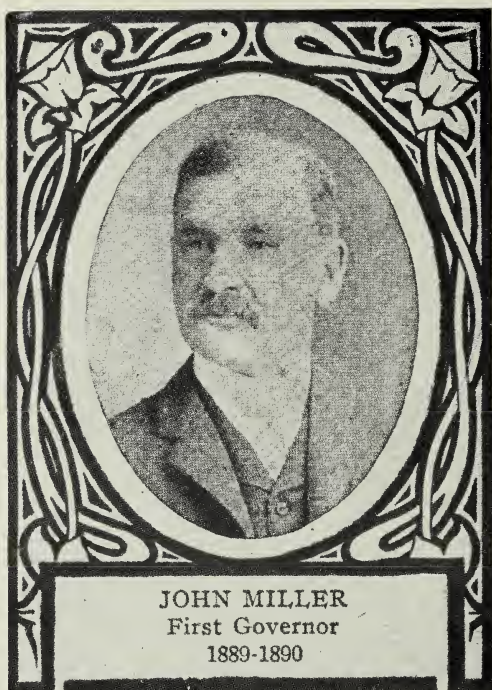
THE MORRILL ACT

(Appendix to The Congressional Globe.)

37th Congress—2d Session—Laws of the United States.

Page 386—Chapter cxxx—An Act donating Public Lands to the several States and Territories which may provide Colleges for the benefit of Agriculture and the Mechanic Arts.

Sec. 4. And be it further enacted, That all moneys derived from the sale of the lands aforesaid by the states to which the lands are apportioned, and from the sales of land scrip hereinbefore provided for, shall be invested in stocks of the United States, or of the States, or some other safe stocks, yielding not less than five per centum upon the par value of said stocks; and that the moneys so invested shall constitute a perpetual fund, the capital of which shall remain forever undiminished, (except so far as may be provided in section fifth of this act,) and the interest of which shall be inviolably appropriated, by each State which may take and claim the benefit of this act, to the endowment, support, and maintenance of at least one college where the leading object shall be, without excluding other scientific and classical studies, and including military tactics, to teach such branches of learning as are related to agriculture and the mechanic arts, in such manner as the Legislatures of the States may respectively prescribe, in order to promote the liberal and practical education of the industrial classes in the several pursuits and professions in life.



The Governor who signed the Legislative Act establishing the North Dakota Agricultural College and Agricultural Experiment Station at Fargo.

Act of Legislature Establishing Agricultural College at Fargo

An Act to Provide for the Establishment, Erection and Operation of the North Dakota Agricultural College and Agricultural Experiment Station at Fargo.

* * * *

Be it Enacted by the Legislative Assembly of the State of North Dakota.

* * * *

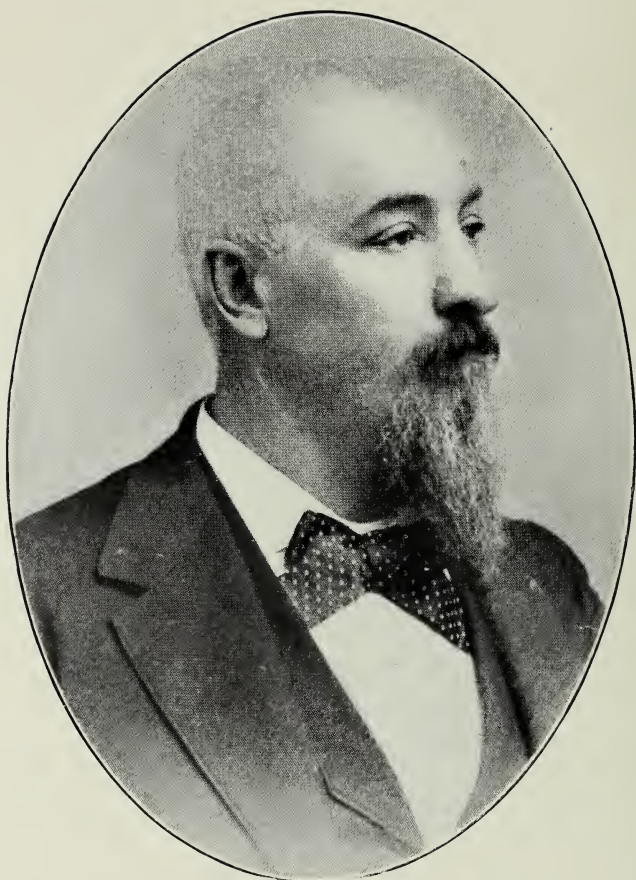
¶ 1 Location.] There is hereby established and located at Fargo, Cass county, North Dakota, an Agricultural College, which shall be known by the name of the North Dakota Agricultural College.

* * * *

¶ 8. Course of Study.] The design of the institution is to afford practical instruction in agriculture and the natural sciences connected therewith, and also the sciences which bear directly upon all industrial acts and pursuits. The course of instruction shall embrace the English language and literature, mathematics, military tactics, civil engineering, agricultural chemistry, animal and vegetable anatomy and physiology, the veterinary art, entomology, geology and such other natural sciences as may be prescribed, political and rural and household economy, horticulture, moral philosophy, history, bookkeeping, and especially the application of science and the mechanic's arts to practical agriculture in the field. A full course of study in the institution shall embrace not less than four years, and the college year shall consist of not less than nine calendar months, which may be divided into terms by the board of directors as in their judgment will best secure the objects for which the college was founded.

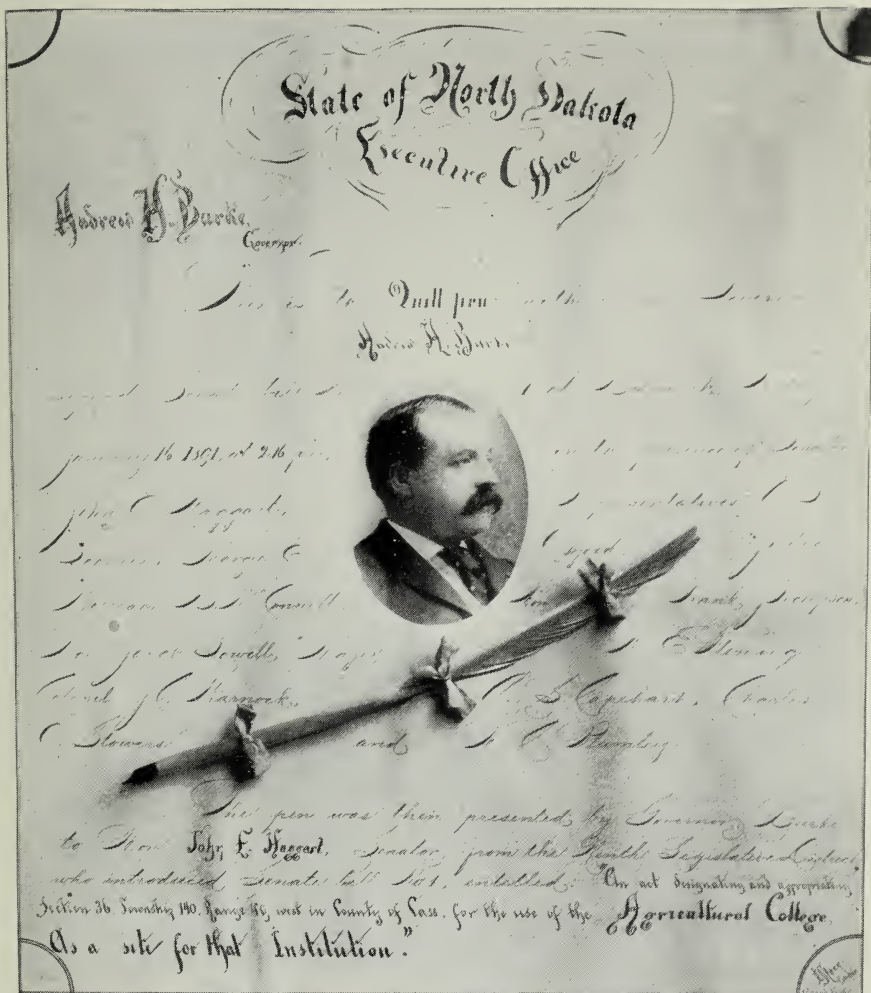
* * * *

¶ 16. Experiment Station.] There is hereby established an agricultural experiment station in connection with the North Dakota Agricultural College, and under the direction of the board of directors of said college, for the purpose of conducting experiments in agriculture, according to the terms of Section I of an act of Congress, approved March 2, 1887, and entitled "An act to establish agricultural experiment stations in connection with the colleges established in the several states, under the provisions of an act, approved July 2, 1862, and of the acts supplementary thereto."



JOHN E. HAGGART.

Senator from the Ninth Legislative District who introduced Senate bill No. 1, entitled; "An act designating and appropriating Section 36, Township 140, Range 49 west in County of Cass, for the use of the *Agricultural College as a site for that Institution.*



The Act, the Governor and the Pen that Provided the Present Site for the Agricultural College.



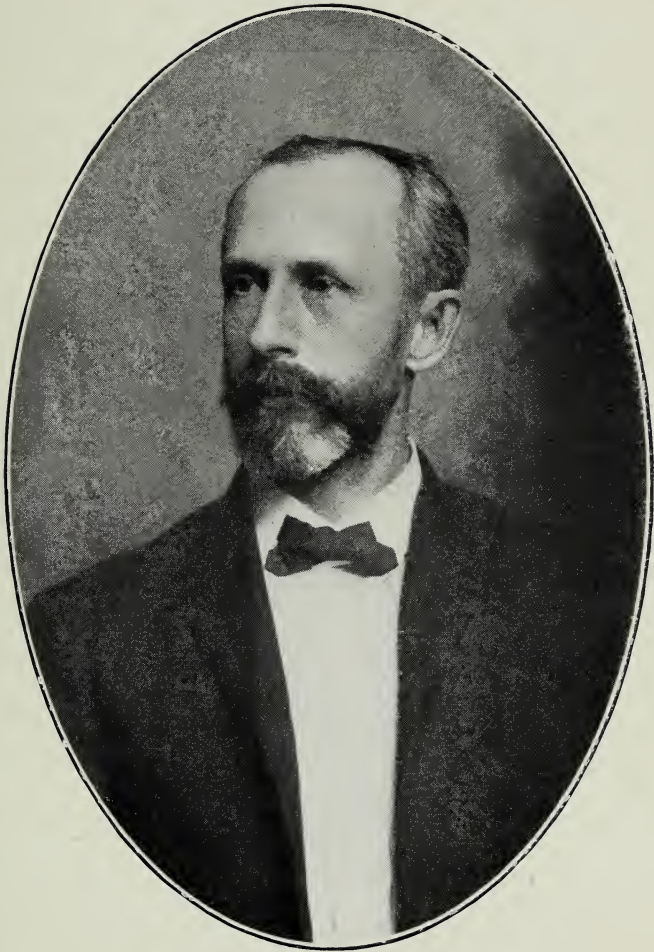
History of the North Dakota Agricultural College

BY H. W. McARDLE



The history of the North Dakota Agricultural College and Experiment Station may be said to date from March 8, 1890, when Gov. John Miller approved the organic law, known as S. F. 140, passed by the first legislative assembly of North Dakota, which convened in Bismarck, N. D., November 19, 1889. However, the forces which outlined its usefulness, and created the demand for an institution of this class, had been at work many years. The North Dakota Agricultural College is one of many of the well known modern type of educational forces known as the Land Grant Colleges of America.

Its establishment, organization and development presented many new problems, and time is an important factor in their solution. The first Board of Directors was composed of five members: O. W. Francis, Fargo, president; J. B. Power, Power, secretary; J. D. Wallace, Drayton; M. J. Sanderson, Edgeley and E. M. Upson, Cummings, which board organized and began work in May, 1890. These men realized that the Experiment Station was of vital importance to the state and immediately took up the temporary organization of that line of work. Dr. S. T. Satterthwaite, Fargo, was made Acting Director, and James Holes, Fargo, was made Farm Foreman. Mr. S. S. Lyon, then cashier of the First National Bank, was made treasurer, and was largely instrumental in placing funds at the disposal of the board, which enabled them to begin field operations at once. Investigations were commenced upon soil and crop conditions, and in July, 1890, Prof. C. B. Waldron, of the Michigan Agricultural College was elected botanist of the station, and im-



H. E. STOCKBRIDGE, PH. D.
First President of The North Dakota Agricultural College,
August, 1890—May, 1893.

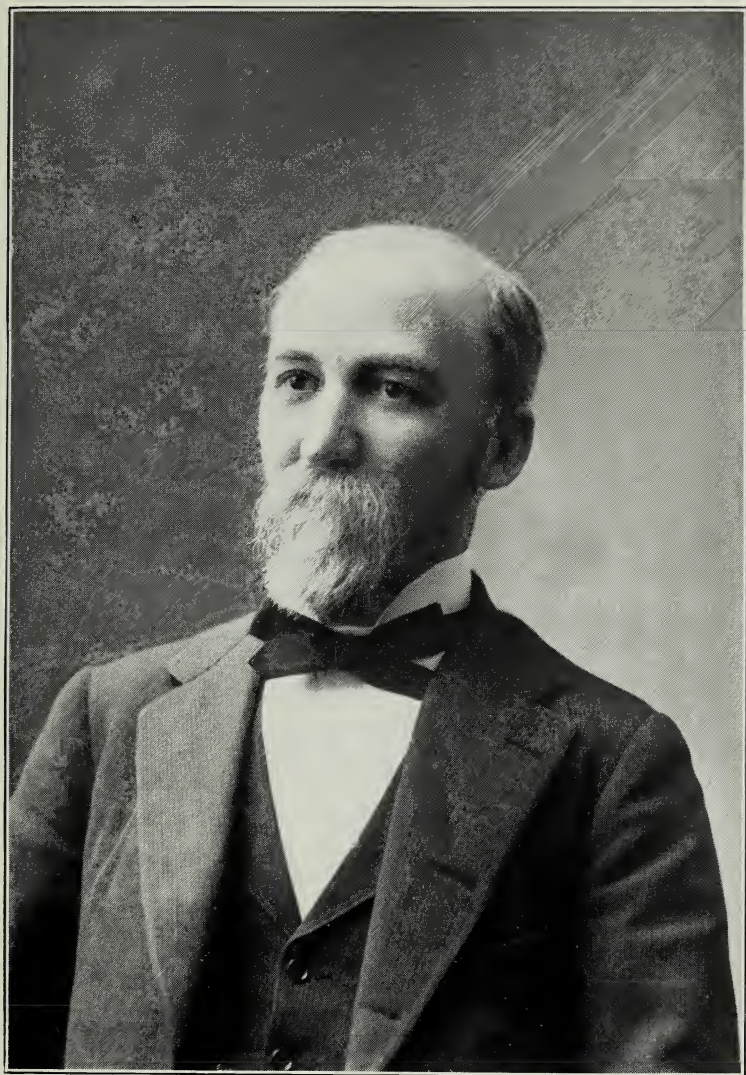
mediately began an active survey of the botanic conditions, accumulating and tabulating much valuable information regarding the flora of the new state, and giving especial attention to the grasses and their commercial value.

The Board, after careful investigation, selected H. E. Stockbridge, Ph., D., Professor of Agriculture, Purdue University, as president of this college and director of the Experiment Station, and authorized him to select a faculty for the college and staff of assistants for the Station. Dr. Stockbridge began his labors in August, 1890, and by January 1, 1891, a course of lectures was announced as follows: Agricultural Problems, Pres. H. E. Stockbridge; Chemistry, Prof. E. F. Ladd, from Government Experiment Station, New York; Botany, Prof. H. L. Bolley, from Purdue University; Horticulture, Prof. C. B. Waldron, from Michigan Agricultural College; Veterinary Science, Dr. T. D. Hinebaugh, from Purdue University; besides many lectures upon special topics by authorities from Washington, D. C. and elsewhere. The College was then occupying rented quarters in Fargo College. About 30 people took advantage of this first "Short Course", including Hon. H. D. Hurley, of Traill county.

The year 1891 brought many changes: the present administration building was erected, and a central heating plant installed a few rods west of it; in April Prof. H. W. McArdle was called to the faculty; in September Mrs. Willet M. Hayes was made Professor of Domestic Science; in October W. H. Whalen was secured for the chemical department; and in December W. M. Hays became Professor of Agriculture.

On September 8, 1891, the first regular class enrolled and consisted of Robert B. Reed, Amenia; Robert H. Bosard, Grand Forks; Carl E. Lee, Fingal; Fred G. Vail, Cogswell, and Jessamine S. Slaughter, Bismarck. Of these Robert Reed and Carl Lee completed the course, and are now counted among the most loyal alumni of the college.

Two floors of the present administration building were ready for occupancy in December, 1891, and the college then moved into its own quarters. The opening of the winter term, January 1, 1892, brought a large increase in the enrollment, including several who



O. W. FRANCIS
President of the First Board of Trustees 1890-1891.

later graduated, and have won honors for themselves and their Alma Mater.

The upper floor of the new building, being uncompleted, was used as a gymnasium, and boxing, wrestling and "tug-of-war" were popular forms of exercise, where students and faculty met in many friendly contests, and even to this day the old timers delight in reciting the thrilling experiences of the "matches" between Hinebauch and Bolley, or Whalen and Gibson. Those were the days when everybody in school became acquainted with everybody else, and the influence of teacher over pupil was positive and lasting. The student life was cosmopolitan, but an increase in enrollment tends to develop fraternities and cliques, and members of the faculty are strangers, even after months of service in the same institution.

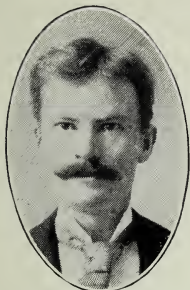
Among the incidents of pioneer life should be mentioned the facilities to reach the college in its first years. With no sidewalk nearer than Tenth avenue and Eleventh street N., the spring rains and mud made rubber boots desirable, and it was not an uncommon sight to see one or two of the more fortunate carrying "a friend in need" over a pond or across a particularly muddy tract. An omnibus, the "Yellow Maria", did acceptable service for years and the many experiences and "spills" will never be forgotten by those who attended the college during the first four years of its history. Other names which have been identified with the growth of the college and who are still active in its development are Prof. Keene, who came here in July, 1892, and Prof. Shepperd, who came in November, 1893.

The first class graduated in June, 1895, and included R. B. Reed, Amenia; C. M. Hall, LaMoure; Merton Field, Bismarek; J. W. Hilborn, Leal, and R. D. Ward, Bismarek—and all of these have won honor in their chosen lines of work.

A brief review written at the end of the first ten years states that the enrollment since organization had reached a total of 1,200. It may be interesting, by way of comparison, to note here that the annual enrollment now reaches that number. The faculty now numbers 63 and, the value of the equipment, including buildings and apparatus is approximately \$1,000,000.00.

The college has had three presidents—H. E. Stockbridge, Ph. D., August 1890—May 1893. J. B. Power, May 1893—June 1895. John H. Worst, LL. D., since July 1895—who has labored unceas-

THE FIRST FACULTY OF THE NORTH DAKOTA AGRICULTURAL COLLEGE



H. L. BOLLEY



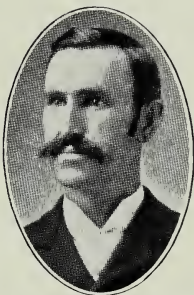
C. B. WALDRON



E. F. LADD



T. D. HINEBAUCH



H. W. MCARDLE



W. H. WHALEN



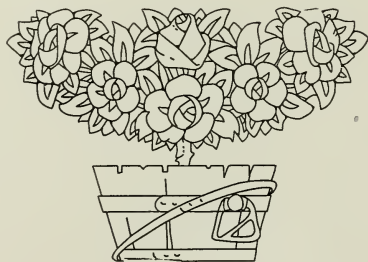
LOIS M. HOOPER

ingly for the college and its success. The growth of the college has been steady, though at times, retarded by lack of funds. The improvements have been substantial. Graduates from the Agricultural College have won honors in post graduate work in Johns Hopkins, Michigan, Cornell, and other universities, in competition with men from the best colleges in this country. Our graduates are in demand for Experiment Stations, the Department of Agriculture at Washington, and for teachers of agriculture in this and other states. In declamation, composition, and oratorical contests our representatives win first place. In the great national stock judging contests in Chicago, North Dakota Agricultural College students rank high.

The Agricultural College was a leader in introducing the training school for teachers, having organized and conducted successful summer schools before any move in that direction had been made by the state educational department and for fifteen consecutive years Prof. McArdle has conducted such a school at the college. Excellent results have been secured both for the college and for the teachers of Cass county.

In organizing the extension department, the college has been enabled to reach a large number of the young people of the state, by introducing lecture courses in the public schools and bringing to the attention of the high school pupils of the state the character of our work and our methods of conducting it.

That the work done by the station is appreciated by the people of the state is attested by the demand for our bulletins, there being now nearly 20,000 names on our mailing list, not to mention the thousands of personal letters annually seeking information not specifically given in these bulletins.





ADMINISTRATION BUILDING.
The First Building on the Campus, Erected 1891-92.



THE FIRST STUDENT BODY.

First Boys to Register—Robert B. Reed, Amenia, N. D.; Robert Bosard, Grand Forks, N. D.; first girl to Register, Jessamine S. Slaughter, Bismarck, North Dakota.



J. B. POWER
Second President, 1893—1895.



ONE OF THE FIRST GROUPS OF CADETS.

Boards of Trustees

FIRST, 1890-1891.

O. W. Francis, Fargo, President
 J. B. Power, Power, Secretary
 J. D. Wallace, Drayton
 M. J. Sanderson, Edgeley
 E. M. Upson, Cummings.

SECOND, 1891-1893.

H. F. Miller, Fargo, President
 J. B. Power, Power, Secretary
 Jacob Lowell, Fargo
 Peter McKenna, Fargo

Joseph Deschenes, Grafton

A. M. Tofthagen, Lakota

O. W. Francis, Fargo

THIRD, 1893-1895.

H. F. Miller, Fargo, President.

J. B. Power, Power, Secretary

Jacob Lowell, Fargo

Peter McKenna, Fargo

Joseph Deschenes, Grafton

A. M. Tofthagen, Lakota

A. E. Fenton, Amenian.

FOURTH, 1895-1897.

W. H. Robinson, Mayville, Pres.
J. O. Smith, Casselton, Sec'y
L. R. Casey, Jamestown
E. H. Sikes, Minot
Alex. Stern, Fargo
George E. Osgood, Fargo.
O. W. Francis, Fargo

FIFTH 1897-1899.

W. H. Robinson, Mayville, Pres.
A. G. Clark, Steele, Sec. '97-'98
H. J. Rusch, Fargo, Sec. '98-'99
L. R. Casey, Jamestown
Alex. Stern, Fargo
George E. Osgood, Fargo
E. M. Warren, LaMoure, '98-'99
Roger Allin, Grafton

SIXTH, 1899-1901

W. H. Robinson, Mayville, Pres.
E. M. Warren, LaMoure, Sec.
Alex. Stern, Fargo.
George E. Osgood, Fargo
H. J. Rusch, Fargo
Roger Allin, Grafton
R. S. Lewis, Buffalo

SEVENTH, 1901-1903

W. H. Robinson, Mayville, Pres.
H. J. Rusch, Fargo.
Alex. Stern, Fargo.
Geo. E. Osgood, Fargo
Maynard Crane, Cooperstown
B. N. Stone, LaMoure
S. S. Lyon, Fargo

EIGHTH, 1903-1905

Alex. Stern, Fargo, President
H. J. Rusch, Fargo, Sec. '03-'04
S. S. Lyon, Fargo, Sec. '04-'05
Maynard Crane, Cooperstown

B. N. Stone, LaMoure
Addison Leech, Warren
Chas. McKissick, Mayville
G. S. Barnes, Fargo

NINTH, 1905-1907

B. N. Stone, LaMoure, President
S. S. Lyon, Fargo, Secretary
Alex. Stern, Fargo
Addison Leech, Warren
W. H. Robinson, Mayville
Eric R. Ramstad, Minot, '05-'06
L. M. Wallin, Washburn

TENTH, 1907-1909.

Geo. H. Hollister, Fargo, Pres.
B. N. Stone, LaMoure, Sec'y
L. M. Wallin, Washburn
C. D. Nelson, Mayville
Clark W. Kelley, Devils Lake
James Radford, Warren
H. R. Hartman, Page

ELEVENTH, 1909-1911

Geo. H. Hollister, Fargo, Pres.
Clark W. Kelley, Devils Lake
James Radford, Warren
H. R. Hartman, Page
L. A. Ueland, Edgeley
Frank Sanford, Valley City
Arja Bowen, Mohall

TWELFTH, 1911-1913

C. W. Kelley, Devils Lake, Pres.
Geo. H. Hollister, Fargo
Frank Sanford, Valley City
Claude E. Nugent, Fargo
H. D. Mack, Diekey
Peter Elliott, Fargo
Arja Bowen, Mohall
W. A. Yoder, Sec.
W. P. Porterfield, Treas.



ONE OF THE FIRST FOOTBALL TEAMS.



THE FIRST DRESS PARADE.

THE MISSION OF THE AGRICULTURAL COLLEGE

BY J. H. WORST, LL.D.

The purpose for which the Agricultural College was established is clearly set forth in the Morrill Act of 1862 and Acts supplementary thereto, and in Section 1106 of the Political Code of North Dakota. No unbiased person need mistake the scope of educational work contemplated by these Acts nor the support that should be given by the state for this type of education. As agriculture and the mechanic arts embrace quite completely the productive interests of the state, logically the scope of educational work contemplated for the Agricultural College is co-extensive with these productive interests. Inasmuch as all professions and vocations depend almost exclusively upon agriculture, the mission of the Agricultural College can scarcely be over estimated.

There are those who, taking advantage of the name "agricultural college", would limit its mission to teaching subjects relating exclusively to technical activities on the farm. This name, although appropriate, was but the fancy of an index clerk of the United



FRANCIS HALL—ONE OF THE FIRST PICTURES.



JOHN BURKE
Present Governor of North Dakota.

States Senate and has no legal standing. "Land Grant College" is the legal name.

These institutions, for the establishment and partial support of which public land grants were made (hence their name) are clothed with all the attributes of colleges in general. Their purpose is to afford a "*liberal and practical education for the industrial classes in the several pursuits and professions of life.*" In conformity with law and the general welfare, the curricula of these colleges emphasize such sciences and culture subjects as seem necessary to place the productive man, be he farmer or engineer, on the same intellectual plane as the business or professional man.

The Agricultural College offers such training to students as will enable them to teach or practice what they learn at school. The scope of educational training is as broad as the arts and their related sciences that have a bearing upon agriculture and the mechanic arts, together with the supplementary subjects that natur-

ally associate themselves with a college education. It could not be less in law or reason. Moreover, the work and influence of the college belongs as much to the industrialists of the state as to their children on the campus. College extension, therefore, should be promoted earnestly and systematically.

The families comprising the industrial class, bearing as they do the burden of the state, are entitled to the best information that science affords, to guide them in their labors. As it is impossible for them to get instruction at this seat of learning, it should be taken to them by means of bulletins, lectures, demonstrations, institutes, etc.

Agriculture being the dominant industry of the state, the mission of the Agricultural College is no larger than this industry, together with the mechanic arts or engineering problems that naturally correlate with it. Neither is its mission any less. This embraces the soil and whatever grows from the soil, together with the



PRESENT BOARD OF TRUSTEES.



JOHN H. WORST, LL.D.

President North Dakota Agricultural College Since 1895.

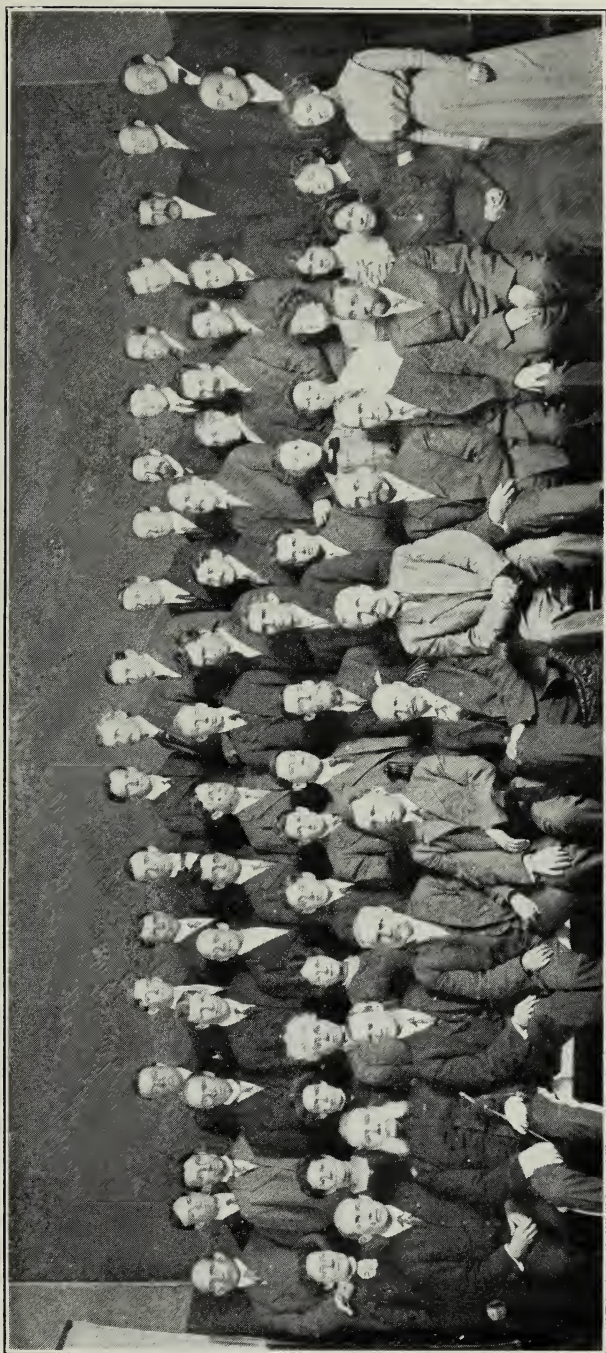
transmutations that occur from vegetable growth to animal life and products, and their ultimate conversion into forms of wealth. It also embraces a knowledge of the parasites, fungi, and other diseases that afflict farm crops, as well as diseases of domestic animals and the remedies necessary to successfully combat them; the fertility of the soil and how to conserve it; improvement of plants and animals by scientific selection or breeding; the care and use of labor saving machinery; road making, irrigation, drainage, etc., and a thorough working knowledge of the sciences that explain the phenomena of life and growth; familiarity with certain laws of nature and how to direct them.

The home also is given intelligent consideration. The girls, the future homemakers, are educated with special reference to the duties and responsibilities of the wife and mother. To make domestic life pleasant and desirable by eliminating many of its drudgeries and substituting modern improvements instead, has passed the experimental stage. Domestic Science has even a larger place in education than many popular courses of study that relate almost exclusively to personal improvement. The home being the "heart of the Nation" should not be excluded from the curricula of higher institutions of learning. Here it is given actual emphasis.

The great interest that attaches to the work of the Agricultural College results from the fact that the educational material employed is, quite largely, inherent in the vocations it seeks to improve. But a limited number of foreign or abstruse subjects need be pursued in order to secure a "liberal and practical education. An understanding of the chemical and biological laws that govern the growth of plants and animals is in itself a liberal education.

To develop the state's latent resources requires a knowledge of those natural laws which govern plant and animal life, and the ability to direct them for the attainment of desired ends. In such education, the sciences must, of course, occupy a place of pre-eminence. The study of Nature's laws and forces not only enables men more easily and bountifully to provide for themselves the necessities of life, but it also develops and broadens the mind and is as truly cultural as a study of the classics. Indeed, the trend of modern education is toward the practical and concrete instead of toward the theoretical and abstract.

The field of scientific inquiry is not a narrow one, nor need the

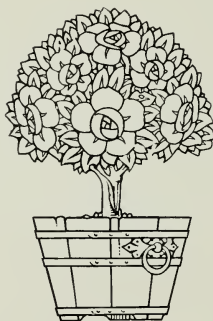


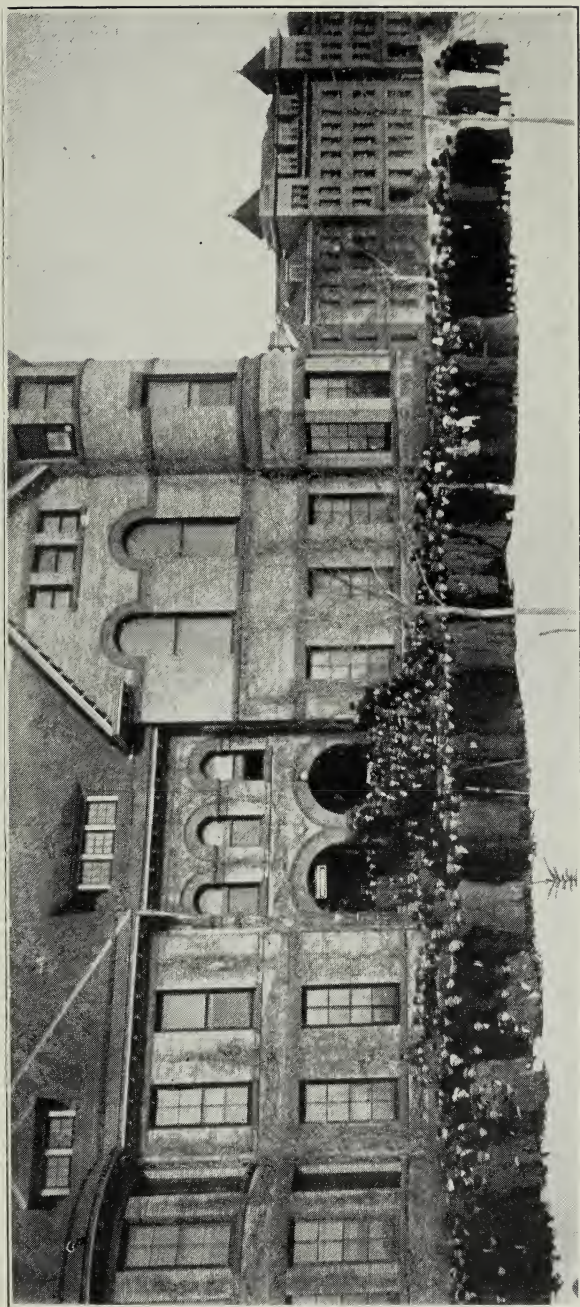
PRESENT FACULTY OF THE NORTH DAKOTA AGRICULTURAL COLLEGE.

work in that field be narrowing in any way. The study of the laws of God, as manifested in Nature, trains the reason, encourages the habit of observation and requires research and investigation, which holds the student's interest and affords him delightful mental recreation. A science course of study is at once useful and cultural. It enables the liberally educated man to be a leader of thought and action in the most important pursuit open to the young men of this generation. He will be able to do things as well as to know things; to render society a service which it demands and for which it will render a just equivalent in the way of compensation..

In the Agricultural College the dignity of labor is emphasized and such preparation is afforded as will make it pleasant, congenial, and profitable for those who toil for a livelihood. North Dakota is pre-eminently an agricultural state.. The cultivation of grain and forage crops and the breeding and feeding of livestock will necessarily occupy the attention of the bulk of our population. From these sources must come practically all our future wealth.

“No man can study for a moment the entirely new conditions and problems that will confront our people in the immediate future,” says Dean Davenport, of Illinois, “without realizing that the establishment of agricultural colleges and experiment stations was the largest act of foresighted wisdom in recorded history, nor can he fail to realize that their adequate maintenance and fostering support is not only the first duty but one of the highest public privileges of the commonwealth of our day and time.”





PRESENT STUDENT BODY.



North Dakota Agricultural College

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Instructor in Animal Husbandry.

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*Granted leave of absence.



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Custodian.



Present Buildings





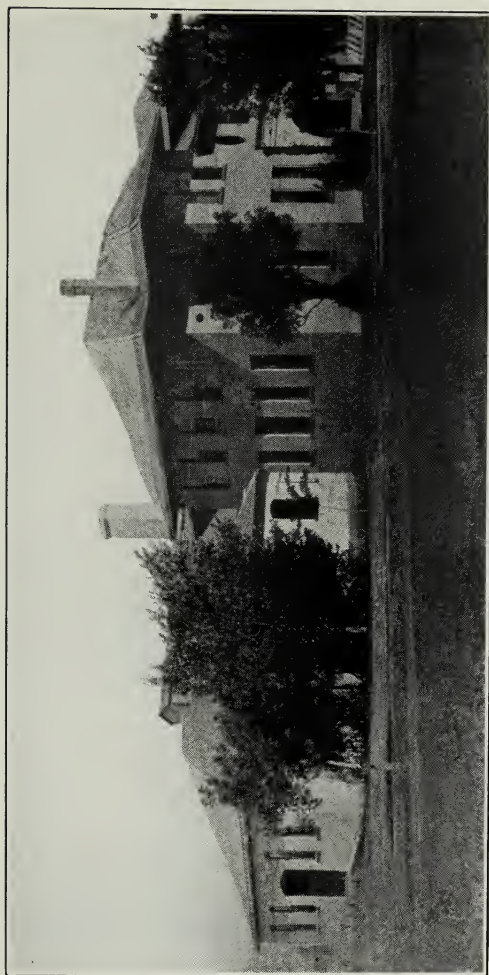
ENTRANCE TO CAMPUS.



MAIN BUILDING.



CARNEGIE LIBRARY
Erected 1905.



MECHANICAL BUILDING.
Erected 1893—94.



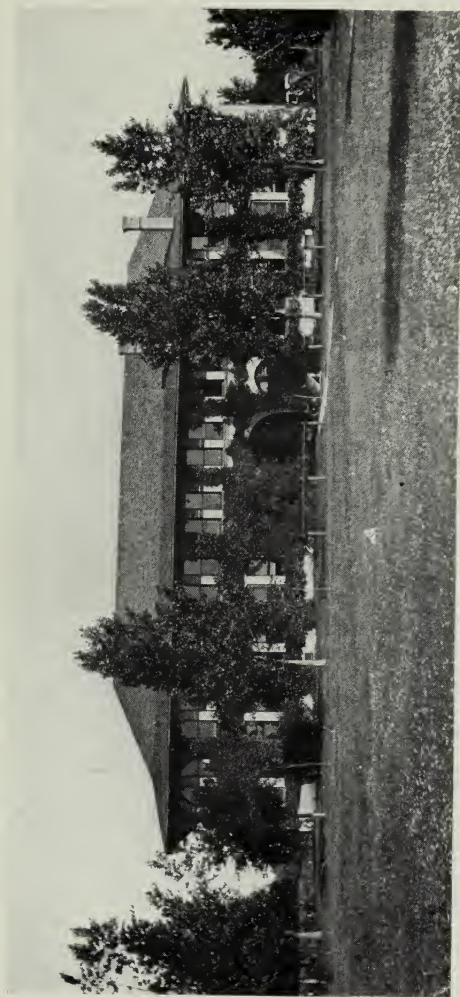
ENGINEERING BUILDING.
Erected 1907.



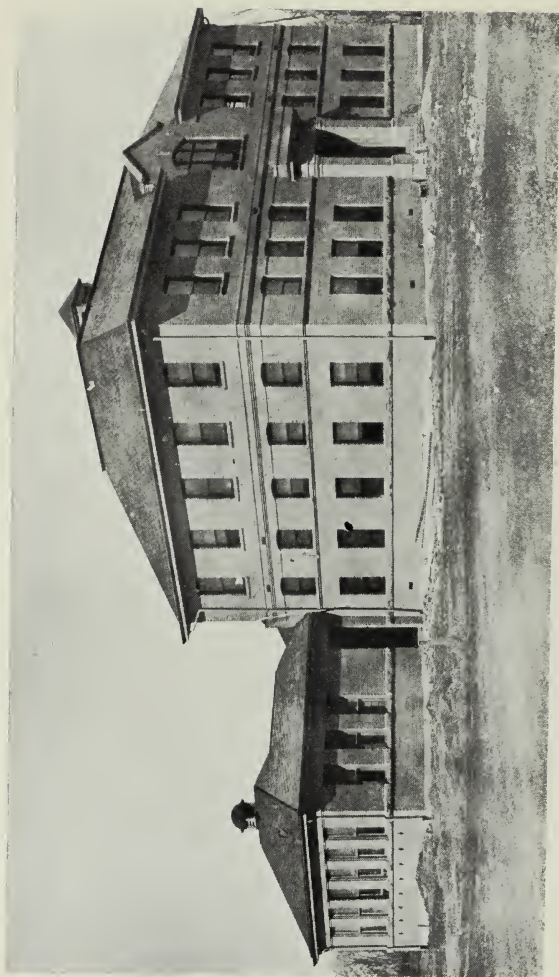
SCIENCE HALL.
Erected 1901.



CHEMICAL BUILDING.
Erected 1910—11.



FRANCIS HALL
Erected 1893—94.



VETERINARY BUILDING.
Erected 1909-10.



THE GREEN HOUSES
Erected 1908—09.



THE FARM HOUSE



THE SHOPS.



THE POWER PLANT



A LANE ON THE CAMPUS.



BARNS



SEED HOUSE.



MILL AND ELEVATOR.



N. D. A. C. ARMORY.
Erected 1907.



CERES HALL.
Erected 1909—10.



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FRED O. OLSEN, PRESIDENT.

ROBERT M. DOLVE, SECRETARY-TREASURER.

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Babcock, Asa Ross, '09 - - - - -	Fargo, N. D.
Babcock, F. Ray, '08 - - - - -	Williston, N. D.
Baernstein, Malvin Ash, '09 - - - - -	Fargo, N. D.
Benn, Ferdinand G., '98 - - - - -	Kulm, N. D.
Bottenfield, L. Purl, '98 - - - - -	Minneapolis, Minn.
Brearly, Mrs. Annie (Small) '98 - - - - -	Enderlin, N. D.
Chasey, Clarence B., '01. - - - - -	Harwood, N. D.
Clark, Charles H., '08 - - - - -	Tucson, Ariz.
Clark, J. Allen, '10 - - - - -	Dickinson, N. D.
Critchfield, Burke Horace, '09 - - - - -	Agricultural College, N. D.
Darrow, Kent Edward, '09 - - - - -	John Hopkins, Baltimore, Md.
Dolve, Robert M., '05 - - - - -	Agricultural College, N. D.
Dynes, Oliver W., '07 - - - - -	Agricultural College, N. D.
Erickson, Mathias, '09 - - - - -	Agricultural College, N. D.
Eyolfson, Cecilia, '10 - - - - -	Williston, N. D.
Field, Merton, B. S., '05, M. S. '99 - - - - -	Easton, Minn.
Fields, Teresa, '06 - - - - -	Winnipeg, Man.
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Fowler, Arthur W., '01 - - - - -	Fargo, N. D.
Gibson, Angelina, '98 - - - - -	Casselton, N. D.

Greene, Lee B., '01	- - - - -	Monango, N. D.
Grest, Kathryn, '10	- - - - -	Bemidji, Minn.
Grout, George P., '08	- - - - -	Hamline, Minn.
Gunness, C. I., '07	- - - - -	Agricultural College, N. D.
Gunness, Elizabeth, (Rice), '08	- - - - -	Fargo, N. D.
Hall, Charles M., '95	- - - - -	Died January 20, 1903
Hall, Evan Webb, '09	- - - - -	Elbowoods, N. D.
Heath, Thomas, '00	- - - - -	Everett, Wash.
Heath, Wilfred Paul, '08	- - - - -	Stanfield, Ore.
Hicks, Ruby A., '08	- - - - -	Hickson, N. D.
Hilborn, J. W., '95	- - - - -	Leal, N. D.
Holkesvig, Genevieve, '08	- - - - -	Crookston, Minn.
Hughes, Hugh John, '09	- - - - -	Minneapolis, Minn.
Hulberg, Carl O., '95	- - - - -	Died October 17, 1906
Jensen, Dora, '04	- - - - -	Died May 15, 1905
Jensen, J. Fred, '02	- - - - -	Westhope, N. D.
Jensen, Katie, '04	- - - - -	Dazey, N. D.
Jensen, Mrs. Neva May (Stevens) '05	- - -	Westhope, N. D.
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Lough, Thomas, '10	- - - - -	Fargo, N. D.
Magill, John, '09	- - - - -	Verona, N. D.
Manns, Thos. F., B. S. '01, M. S. '03	- - -	Wooster, Ohio
May, Elmer, '05	- - - - -	Fargo, N. D.
Mercer, William, '10	- - - - -	Canby, Minn.
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McGuigan, James, '04	- - - - -	Fargo, N. D.
McGuigan, Mrs. Mabel (Leininger) '03	- - -	Evanston, Ill.
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Michels, Charles Gordon, '09	- - - - -	Fergus Falls, Minn.
Mikkelson, Adolph, '05	- - - - -	Devils Lake, N. D.
Mueller, Mrs. Anna (Stapleton) '03	-	Colorado Springs, Colorado
Moore, David Hempstead, '09	- - - - -	Schenectady, N. Y.
Murphy, Arthar Patrick, '09	- - - - -	Maricopa, Cal.
Myhre, Carl O., '08	- - - - -	Nome, N. D.
Nemzek, Leo Peter, '09	- - - - -	Giggsboro, N. J.
Nordby, O. P., '96	- - - - -	Died August 15, 1906
Olsen, F. O., '00	- - - - -	Sanborn, N. D.
Olsen, N. D., '01	- - - - -	Minneapolis, Minn.
Olson, Peter J., '10	- - - - -	Alexandria, Minn.
Osgood, Tom W., '02	- - - - -	Fargo, N. D.
Oshwald, Charles, '07	- - - - -	Seattle, Wash.
Otten, Ben, '08	- - - - -	Rush Medical, Chicago, Ill.
Parker, Victor Clark, '00	- - - - -	Winnipeg, Man.
Plath, Clarence Henry, '09	- - - - -	Morris, Minn.
Plath, Emily E., (May) B. S. '06, M. S. '08	-	Morris, Minn.
Porter, Will R., B. S. '06, M. S. '10	-	Agricultural College, N. D.
Randlett, Gordon W., '08	- - -	Agricultural College, N. D.
Reed, R. B., '95	- - - - -	Amenia, N. D.
Sattre, Alfred M., '06	- - - - -	Moorhead, Minn.
Schmidt, H. B., '02	- - - - -	Epworth, N. D.
Schollander, Ernest G., '06	- - - - -	Williston, N. D.
Slingsby, Harry, '07	- - - - -	Minneapolis, Minn.
Slocum, Mrs. Edith M. (Fowler) '04	- - - - -	Fargo, N. D.
Smith, Elizabeth B., '06	- - - - -	Tacoma, Wash.
Stevens, Robert, '10	- - - - -	Bismarck, N. D.
Stewart, E. D., '01	- - - - -	Langdon, N. D.
Swenson, John A., '06	- - - - -	Aneta, N. D.
Thomas, Albert William, '09	- - - - -	Ashland, Ore.

Thomas, Levi Morton, B. S.	'09	M. S.	'10	-	Agr. College,	N. D.
Thomas, Sophia I., B. S.	'04	M. S.	'07	- - -	Ashland,	Ore.
Thompson, Anne Matilda,	'09	- - - - -			Nashauk,	Minn.
Thompson, Jessie,	'10	- - - - -			Ayr,	N. D.
Thompson, O. A.,	'01	- - - - -			Edgeley,	N. D.
Thysell, John,	'08	- - - - -			Dickinson,	N. D.
Waldron, L. R.,	'99	- - - - -			Dickinson,	N. D.
Ward, Aldyth,	'02	- - - - -			Ft. Yates,	N. D.
Ward, Ralph D.,	'95	- - - - -			Roach,	N. D.
Weaver, John T.,	'07	- - - - -			Sidney,	Mont.
Weible, Mrs. Mary (Darrow)	'04	- - - - -			Fargo,	N. D.
Westergard, William, H.,	'04	- - - - -			Williston,	N. D.
Willard, Rex E.,	'08	- - -			Agricultural College,	N. Mex.
Whitecomb, W. O.,	'09	- - - - -			Washington,	D. C.





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